# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Thursday 12 May 2022 until 23:59 on Friday 13 May 2022

Forecast Issued on Thursday 12 May 2022 at 03:31

**Confidence:** High confidence in largely dry conditions until at least the second half of the weekend and for it to become warmer. Low confidence in the details from Sunday, particularly with regards to the risk of heavy showers.

**Headline for Thursday 12 May 2022:** Breezy but largely dry with sunny spells and just a low chance of a shower into the day.

**Mountain weather hazards on Thursday 12 May 2022**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy persistent snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Low Likelihood |
| **Thunderstorms**<br>No Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Medium Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Sunny intervals | Sunny intervals | Sunny intervals | Sunny intervals | Light rain showers | Light rain showers (night) |
| Precipitation probability | | | | | |
| <05% | <05% | 10% | 20% | 30% | 30% |

**Forecast for Thursday 12 May 2022**

**Weather:** A bright start with sunny spells. Cloud amounts increasing during the morning but staying generally dry. Often rather cloudy during the afternoon with a chance of a few mostly light showers later in the afternoon and during the evening, but some sunny intervals remain likely. It will be a breezy day with a strong wind blowing over the summits.

**Chance of cloud-free hill tops above 600m:** 90% but lowering to 70% in the west during the evening

**Low cloud and visibility:** Some isolated patches of cloud may affect western slopes around dawn, generally below around 400m. These lifting quickly into the morning where they occur with cloud bases above summit into the day, though patches may form close to the summits in association with showers. Periods of cloud forming and becoming persistent in the west into the evening, lowering to 500-600m by dusk. Generally very good visibilities with excellent air clarity and distant hills clear to see below the cloud base. Within any cloud visibilities will be poor and during any afternoon showers visibilities may temporarily drop.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Thursday 12 May 2022**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 18/22 W | 20/25 W | 20/27 W | 21/28 W | 20/28 SW | 23/31 SW | 24/32 SW |
| **300** | 12/15 SW | 15/21 W | 15/22 W | 17/24 W | 15/23 SW | 19/27 SW | 18/26 SW |
| **Valley** | 7/14 SW | 12/21 W | 12/22 W | 14/25 W | 12/24 SW | 13/27 SW | 12/27 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 5/0 | 6/1 | 8/3 | 8/4 | 8/4 | 7/2 | 6/2 |
| **300** | 7/3 | 9/6 | 11/8 | 11/8 | 11/8 | 10/6 | 9/6 |
| **Valley** | 8/6 | 10/8 | 12/10 | 12/9 | 12/10 | 10/8 | 10/7 |
| **Freezing Level*** | 1300m | 1300m | 1400m | 1500m | 1600m | 1700m | 1500m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

It will become increasingly windy later in the day and it will therefore feel quite cold on the highest summits. You'll want to take extra layers of clothing as well as sun protection, with moderate to high UV levels expected.

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Thu 12 May 2022 | 14.2mm | 14.4mm | 14.4mm |

**Forecast for Friday 13 May 2022**

**Weather:** Dry and breezy with sunny spells throughout the day. Winds perhaps approaching gale force at times over the highest summits. A fine evening with an increasing risk of some low cloud forming and winds easing somewhat.

**Maximum wind:** West/south-westerly 25-30mph gusting 35-45mph on higher summits, cols and along north-south aligned ridges.

**Chance of cloud-free hill tops above 600m:** 90% or more.

**Low cloud and visibility:** Any poor visibility in cloud likely to be limited to the highest west facing summits only around dawn and dusk. Otherwise, generally good to very good visibility.

**Temperature:** **Valleys:** Plus 8 Celsius becoming Plus 17 Celsius.
**At 600m:** Plus 6 Celsius becoming Plus 13 Celsius
**Freezing level:** Above summits.

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